Car Audio Guide

2015

DLS Audio US Inc.

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Performance

M225

- new 5,25” 2-way coaxial

Performance series M225 is a brand new 16,5cm (6,5”) 2-way coaxial with a 16 mm mylar tweeter.

The bass driver has a cone of glass fibre and rubber surround. Together with a powerful magnet system it guarantees a good bass control. Grilles are included.

Small filter boxes with a 12 dB slope crossover to the tweeter and 6 dB to the bass driver.

Specifications

	DLS M225
Article number	10-22225
Bar code	7331644822103
Speaker type	2-way coaxial
Size	5,25” / 130 mm
Impedance	4 ohm
Mounting depth	43 mm / 1,7”
Mounting hole	123 mm / 4,84 ”
RMS Power handling	50 W
Max Power handling	75 W
Peak Power handling	150 W
Frequency range	75 Hz - 18 kHz
Bass driver specs	**Magnet**: 80 mm **Voice coil**: 1” KSV with copper cup **Cone**: Fibre glass with rubber edge Steel basket in black color **Sensitivity:** 85,1 dB **FS** / **Qts** / **Vas**: 89 Hz / 0,94 / 3,16 litres
Tweeter	16 mm mylar tweeter
Crossover / filter	12 dB slope to tweeter 6 dB slope to bass driver

Performance

M226

- new 6,5” 2-way coaxial

Performance series M226 is a brand new 16,5cm (6,5”) 2-way coaxial with a 16 mm mylar tweeter.

The bass driver has a polypropylene cone with foam edge. Together with a powerful magnet system it guarantees a good bass control. Grilles are included.

Small filter boxes with a 12 dB slope crossover to the tweeter and 6 dB to bass driver.

Specifications

	DLS M226
Article number	10-22226
Bar code	7331644822202
Speaker type	2-way coaxial
Size	6,5” / 165 mm
Impedance	4 ohm
Mounting depth	45 mm / 1,77”
Mounting hole	145 mm / 5,75 ”
RMS Power handling	50 W
Max Power handling	75 W
Peak Power handling	150 W
Frequency range	70 Hz - 18 kHz
Bass driver specs	**Magnet**: 80 mm **Voice coil**: 1” KSV **Cone**: PP cone with foam edge Steel basket in black color **Sensitivity:** 88 dB **FS** / **Qts** / **Vas**: 64,5 Hz / 0,69 / 13,05 litres
Tweeter	16 mm mylar tweeter
Crossover / filter	12 dB slope to tweeter 6 dB slope to mid driver

Performance

M524

- new 4” 2-way coaxial

Performance series M524 is a brand new 10 cm (4”) 2-way coaxial with a 20 mm silk dome tweeter.

The bass driver has a cone of coated paper and rubber edge. Together with a powerful magnet system it guarantees a good bass control. Grilles are included.

Small filter boxes with a 6 dB slope crossover to the tweeter and tweeter level select.

Specifications

	DLS M524
Article number	10-22524
Bar code	7331644821908
Speaker type	2-way coaxial
Size	4” / 102 mm
Impedance	4 ohm
Mounting depth	60 mm / 2,36”
Mounting hole	97 mm / 3,82 ”
RMS Power handling	60 W
Max Power handling	90 W
Peak Power handling	180 W
Frequency range	60 Hz - 20 kHz
Bass driver specs	**Magnet**: 80 mm **Voice coil**: 1” KSV with copper cup **Cone**: Fibre coated paper cone, rubber edge Steel basket in black color **Sensitivity:** 80 dB **FS** / **Qts** / **Vas**: 78,4 Hz / 0,6 / 1,08 litres
Tweeter	20 mm silk dome tweeter
Crossover / filter	6 dB slope to tweeter, 2 tweeter levels

Performance

M526

- new 6,5” 2-way coaxial

Performance series M526 is a brand new 16,5 cm (6,5”) 2-way coaxial with a 20 mm silk dome tweeter.

The bass driver has a cone of coated paper and rubber edge. Together with a powerful magnet system it guarantees a good bass control. Grilles are included.

Small filter boxes with a 12 dB slope crossover to the tweeter and tweeter level select.

Specifications

	DLS M526
Article number	10-22526
Bar code	7331644820307
Speaker type	2-way coaxial
Size	6,5” / 165 mm
Impedance	4 ohm
Mounting depth	45 mm / 1,77”
Mounting hole	145 mm / 5,75 ”
RMS Power handling	55 W
Max Power handling	80 W
Peak Power handling	150 W
Frequency range	60 Hz - 20 kHz
Bass driver specs	**Magnet**: 80 mm hybrid system **Voice coil**: 1” KSV **Cone**: Fibre glass cone, rubber edge Steel basket in black color **Sensitivity:** 86,2 dB **FS** / **Qts** / **Vas**: 70 Hz / 0,8 / 7,13 litres
Tweeter	20 mm silk dome tweeter with copper cup
Crossover / filter	12 dB slope to tweeter, 2 tweeter levels 6 dB to bass driver

Performance

M357

- new 5 x 7” 2-way coaxial

Performance series M357 is a new 5 x 7” 2-way coaxial with a 20 mm soft dome tweeter.

The bass driver has a cone of woven glass fibre and rubber surround. Together with a powerful magnet system it guarantees a good sound control. Grilles are included.

12 dB HP filter to the tweeter.

Specifications

	DLS M357
Article number	10-22357
Bar code	7331644822301
Speaker type	2-way coaxial
Size	4” / 100 mm
Impedance	4 ohm
Mounting depth	66 mm / 2,6”
Mounting hole	185 x 128 mm / 7,28 x 50,03”
RMS Power handling	60 W
Max Power handling	90 W
Peak Power handling	150 W
Frequency range	70 Hz - 20 kHz
Bass driver specs	Magnet: 80 mm Voice coil: 1” Cone: Woven fibre glass, rubber edge Steel basket in black color Sensitivity: 86 dB
Tweeter	20 mm soft dome tweeter
Crossover / filter (internal)	High pass with12 dB slope to tweeter

Performance

M369

- new 6 x 9” 3-way coaxial

Performance series M369 is a brand new 6 x 9 ” 3-way coaxial with 2” mid driver and a 25 mm silk dome tweeter.

The bass driver has a cone of woven glass fibre and rubber edge. Together with a powerful magnet system it guarantees a good bass control. Grilles are included.

Small filter boxes with a 12 dB slope crossover to the tweeter and 6 dB to bass and midrange.

Specifications

	DLS M369
Article number	10-22369
Bar code	7331644820109
Speaker type	3-way coaxial
Size	6 x 9” (236 x 165 mm)
Impedance	4 ohm
Mounting depth	86 mm / 1,81”
Mounting hole	221 x 155 mm
RMS Power handling	80 W
Max Power handling	120 W
Peak Power handling	200 W
Frequency range	50 Hz - 20 kHz
Bass driver specs	**Magnet**: 100 x 20 mm **Cone**: Fibre glass with rubber edge Steel basket in black color **Sensitivity:** 89,3 dB **FS** / **Qts** / **Vas**: 68 Hz / 0,7 / 13,3 litres
Midrange	50 mm paper cone
Tweeter	20 mm silk dome tweeter
Crossover / filter	Separate, 12 dB slope to tweeter 6 dB to bass driver and mid

Performance

MB6.2

- new 6,5” 2-way speaker kit

Performance series MB6.2 is a brand new 16,5cm (6,5”) 2-way component kit with separate 25 mm soft dome tweeters. Install the tweeter on the dashboard or recessed in the door, all mounting parts are included.

The bass driver has a cone of glass fibre and rubber surround. Together with a powerful magnet system it guarantees a good bass control. Grilles are included.

Small filter boxes with a 12 dB slope crossover to the tweeter and bass driver. Tweeter level select in two steps. Only high quality compnents are used in the crossovers.

Specifications

	DLS MB6.2
Article number	10-22627
Bar code	7331644820604
Speaker type	2-way speaker kit
Size	6.5” / 165 mm
Impedance	4 ohm
Mounting depth	65 mm / 2,56”
Mounting hole	145 mm / 5,7 ”
RMS Power handling	80 W
Max Power handling	100 W
Peak Power handling	200 W
Frequency range	50 Hz - 25 kHz
Bass driver specs	**Magnet**: 90 mm **Voice coil**: 1” **Cone**: Fibre glass with rubber edge Steel basket in black color **Sensitivity:** 87 dB **FS** / **Qts** / **Vas**: 51,8 Hz / 0,46 / 12,7 litres
Tweeter	25 mm soft dome tweeter (M25)
Crossover / filter	12 dB slope to tweeter, tweeter level select 12 dB slope to mid driver
Filter box size	120 x 65 x 33 mm

Reference

RC4.2

- new 4” 2-way speaker kit

Reference series RC4.2 is a brand new 10cm (4”) 2-way component kit with a separate 25 mm tweeter with copper rings for improved treble sound.
Install the tweeter on the dashboard or recessed in the door, all mounting parts are included.

The bass driver has a coated paper cone and a powerful magnet system for good bass control. Grilles are included.

Filter boxes with only the best components!

Specifications

	DLS RC4.2
Article number	10-23042
Bar code	7331644821403
Speaker type	2-way speaker kit
Size	4” / 102 mm
Impedance	4 ohm
Mounting depth	57 mm / 2,25”
Mounting hole	97 mm / 3,82 ”
RMS Power handling	60 W
Max Power handling	100 W
Peak Power handling	200 W
Frequency range	65 Hz - 22 kHz
Bass driver specs	**Magnet**: 80 mm **Voice coil**: 25 mm with copper cup **Cone**: Coated paper with rubber edge Steel basket in frosted black **Sensitivity:** 86 dB **FS** / **Qts** / **Vas**: 80,2 Hz / 0,6 / 1,4 litres
Tweeter	25 mm soft dome tweeter with copper cup (RC25)
Crossover / filter	12 dB slope to tweeter, tweeter level select 12 dB slope to mid driver
Filter box size	120 x 66 x 33 mm

Reference

RC6.2

- new 6,5” 2-way speaker kit

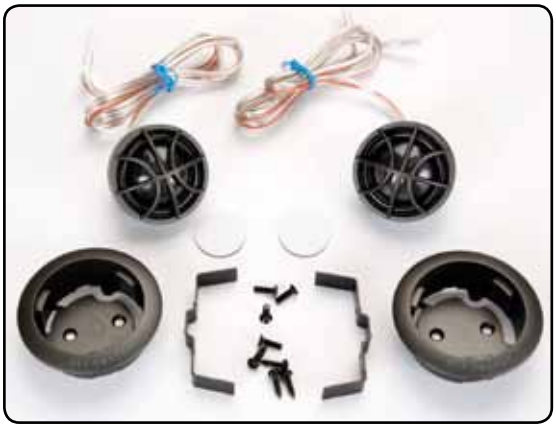
Reference series RC6.2 is a brand new 16,5cm (6,5”) 2-way component kit with a separate 28 mm tweeter with copper rings for improved treble sound.
Install the tweeter on the dashboard or recessed in the door, all mounting parts are included.

The bass driver has a cone of black anodized aluminium with dual rubber edge and a 110 mm powerful magnet that guarantees a good bass control. Grilles are included.

Filter boxes with only the best components!

Specifications

	DLS RC6.2
Article number	10-23062
Bar code	7331644821106
Speaker type	2-way speaker kit
Size	6.5” / 165 mm
Impedance	4 ohm
Mounting depth	75 mm / 2,95”
Mounting hole	145 mm / 5,7 ”
RMS Power handling	100 W
Max Power handling	150 W
Peak Power handling	300 W
Frequency range	50 Hz - 25 kHz
Bass driver specs	**Magnet**: 110 mm **Voice coil**: 35 mm **Cone**: Black anodized aluminium with double rubber edge Steel basket in black color **Sensitivity:** 86 dB **FS** / **Qts** / **Vas**: 58,6 Hz / 0,62 / 9,6 litres
Tweeter	28 mm soft dome tweeter with copper cup (RC28)
Crossover / filter	12 dB slope to tweeter, tweeter level select 12 dB slope to mid driver
Filter box size	120 x 65 x 33 mm



Reference

RC6.3

- new 6,5” 3-way speaker kit

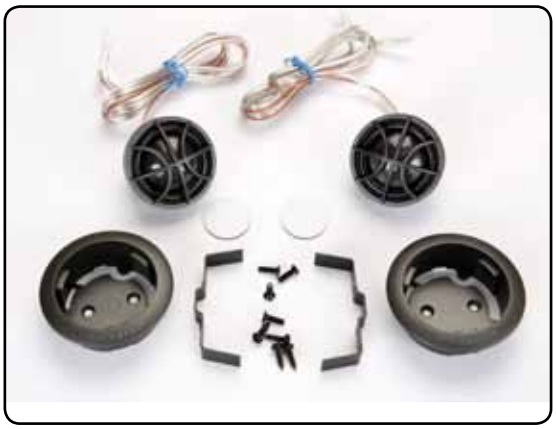
Reference series RC6.3 is a brand new 16,5cm (6,5”) 3-way component kit with a separate 2,5” dome midrange and a 25 mm tweeter with copper rings for improved treble sound. Install the midrange and tweeter on the dashboard or recessed in the door, all mounting parts are included.

The bass driver has a cone of pressed paper with dual rubber edge and a 100 mm powerful magnet that guarantees a good bass control. Grilles are included.

Filter boxes with only the best components!

Specifications

	DLS RC6.3
Article number	10-23063
Bar code	7331644821700
Speaker type	2-way speaker kit
Size woofer / mid/ tweeter	6.5” / 165 mm - 2,5” / 63 mm - 25 mm tw.
Impedance	4 ohm
Mounting depth bass driver	68 mm / 2,3”
Mounting depth mid driver	14 mm / 0,55”
Mounting hole bass driver	145 mm / 5,7 ”
Mounting hole mid driver	80 mm / 3,15”
RMS Power handling	100 W
Max Power handling	150 W
Peak Power handling	300 W
Frequency range	40 Hz - 25 kHz
Bass driver specs	**Magnet**: 100 mm **Voice coil**: 35 mm **Cone**: Paper with dual rubber edge Steel basket in black color **Sensitivity:** 85 dB **FS** / **Qts** / **Vas**: 64,2 Hz / 0,79 / 6,3 litres
Midrange	Sensitivity: 90 dB, Fs: 630 Hz
Tweeter	25 mm soft dome tweeter with copper cup (RC25). Tweeter level select inside box.
Crossover / filter	Two filter boxes
Filter box size	145 x 95 x 39 mm



Coming Soon
ETA June 2015

Reference

RCS5.2

- new 5,25” 2-way speaker kit - slim

Reference series RCS5.2 is a brand new 13cm (5,25”) 2-way component kit with a separate 25 mm tweeter with copper rings for improved treble sound. Installation depth is only 43 mm.
Install the tweeter on the dashboard or recessed in the door, all mounting parts are included.

The bass driver has a fibre glass cone and a hybrid magnet system for good bass control in this compact size. Grilles are included.

Filter boxes with only the best components!

Specifications

	DLS RCS5.2
Article number	10-23115
Bar code	7331644821502
Speaker type	2-way speaker kit
Size	5,25” / 130 mm
Impedance	4 ohm
Mounting depth	43 mm / 1,7”
Mounting hole	123 mm / 4,85 ”
RMS Power handling	50 W
Max Power handling	90 W
Peak Power handling	180 W
Frequency range	70 Hz - 22 kHz
Bass driver specs	**Magnet**: 70 mm **Voice coil**: 35 mm with copper cup **Cone**: Fibre glass with rubber surround Steel basket in frosted black **Sensitivity:** 86 dB **FS** / **Qts** / **Vas**: 68 Hz / 0,75 / 6 litres
Tweeter	25 mm soft dome tweeter with copper cup (RC25)
Crossover / filter	12 dB slope to tweeter, tweeter level select 6 dB slope to mid driver
Filter box size	125 x 95 x 33 mm

Reference

RCS6.2

- new 6,5” 2-way speaker kit - slim

Reference series RCS6.2 is a brand new 16,5cm (6,5”) 2-way component kit with a separate 25 mm tweeter with copper rings for improved treble sound. Installation depth is only 45 mm.
Install the tweeter on the dashboard or recessed in the door, all mounting parts are included.

The bass driver has a fibre glass cone and a hybrid magnet system for good bass control in this compact size. Grilles are included.

Filter boxes with only the best components!

Specifications

	DLS RCS6.2
Article number	10-23116
Bar code	7331644821601
Speaker type	2-way speaker kit
Size	6.5” / 165 mm
Impedance	4 ohm
Mounting depth	45 mm / 1,77”
Mounting hole	145 mm / 5,7 ”
RMS Power handling	50 W
Max Power handling	90 W
Peak Power handling	180 W
Frequency range	60 Hz - 22 kHz
Bass driver specs	**Magnet**: 80 mm **Voice coil**: 35 mm with copper cup **Cone**: Fibre glass with rubber surround Steel basket in frosted black **Sensitivity:** 86 dB **FS** / **Qts** / **Vas**: 68,2 Hz / 0,93 / 8,2 litres
Tweeter	25 mm soft dome tweeter with copper cup (RC25)
Crossover / filter	12 dB slope to tweeter, tweeter level select 6 dB slope to mid driver
Filter box size	125 x 95 x 33 mm

Reference

RZ6.2

- new 6,5” 2-way speaker kit with wide-band tweeter

Reference series RZ6.2 is a brand new 16,5cm (6,5”) 2-way component kit with a separate 50 mm / 2” wide band tweeter.

Install the tweeter on the dashboard, A-pillar or recessed in the door.

The bass driver has a paper cone with dual rubber edge and a 100 mm powerful magnet that guarantees a good bass control. Grilles are included.
Filter boxes with only the best components!

Technical data RZ6.2 woofer

Art.number	10-23161
Impedance	4 ohm
Nom. power handling (RMS)	100 Watt, 150 Watt max
Cone material	Pressed paper
Woofer size	6,5”(16,5 cm)
Magnet size	100 mm/4”
Sensitivity	85 dB
Mounting depth	70 mm/2,76”
Mounting hole	145 mm / 5,7”
Fs / Qts / Vas	64 Hz / 0,78 / 6,3 litres

DLS Sweden
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Technical data RC50 wide band tweeter

Art.no. for driver	8-23050
Impedance	4 ohm
Size	50 mm / 2”
Nom. power handling (RMS)	50 Watt, 80 Watt max
Fs	155 Hz
Frequency response	500 Hz - 22 kHz
Rec. freq. use	1500 kHz - 22 kHz
Sensitivity	83,2 dB
Magnet diameter	32 mm /1,26”
Outer diameter	84 mm / 3,3”
Mounting depth	37 mm / 1,46” (recessed install)
Mounting hole	65 mm / 2,56” (recessed install)
Cone material	Fibre glass

- We recommend installation in a closed box 0,2 - 1 litres

A low x-over point reqiures a larger box volume, a higher x-over point accepts a smaller box.

- Installation on axis is strongly recommended for a good result.

- Recommended x-over frequency for active crossover use is 1500 Hz or higher, use 12 dB slope.

- Connect with a good amplifier like DLS CC series or better.

Ultimate

UPi4

- new flexible 4” 2-way speaker kit

Ultimate series UPi4 is a new 10 cm (4”) 2-way component with Kevlar cone.
Can be installed in new BMW cars like F30, F10, F20, F25 and E84
Suitable for most other cars designed for 4” speakers
The tweeter fits directly in the mirror triangle position/door position of the newest BMW models.

- A 200 Hz HP-filter can be connected in series when used in BMW cars with subwoofer.
- Filter boxes with selectable tweeter level in two steps
- 25 mm silk dome tweeter RC25
- Grilles are included.

Specifications

	DLS UPi4
Article number	10-25104
Bar code	7331644824206
Speaker type	2-way speaker kit
Size	6.5” / 165 mm
Impedance	4 ohm
Mounting depth	45 mm / 1,77”
Mounting hole	100 mm / 3,94 ”
RMS Power handling	80 W
Max Power handling	160 W
Peak Power handling	200 W
Frequency range	65 Hz - 22 kHz
Bass driver specs	**Magnet**: 35 mm **Voice coil**: 25 mm **Cone**: Kevlar with rubber edge Steel basket in black
Tweeter	25 mm soft dome tweeter with copper cup (RC25)
Crossover / filter	12 dB slope to tweeter, tweeter level select 12 dB slope to woofer Separate 200 Hz HP filter, 12 dB slope
Filter box size	125 x 95 x 34 mm

Ultimate

UPi6

- new 6,5” 2-way speaker kit

Ultimate series UPi6 is a brand new 16,5cm (6,5”) 2-way component kit with a separate 28 mm tweeter with copper rings for improved sound. It is the replacement for the best-seller UP6i

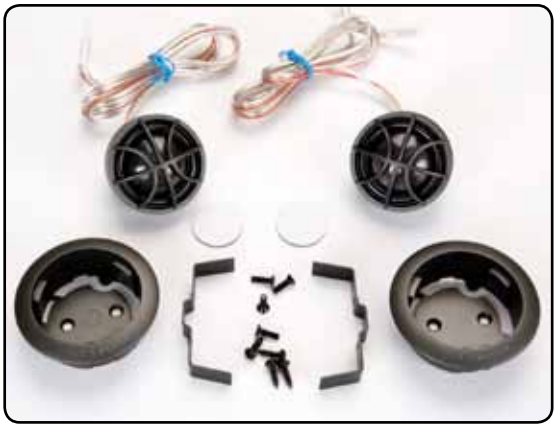
Install the tweeter on the dashboard or recessed in the door, all mounting parts are included.

The bass driver has a cone of aluminium with rubber edge and a powerful neodymium magnet that guarantees a good bass control. Grilles are included.

Filter boxes with only the best components!

Specifications

	DLS UPi6
Article number	10-25106
Bar code	7331644824305
Speaker type	2-way speaker kit
Size	6.5” / 165 mm
Impedance	4 ohm
Mounting depth	60 mm / 2,36”
Mounting hole	145 mm / 5,7 ”
RMS Power handling	120 W
Max Power handling	200 W
Peak Power handling	300 W
Frequency range	50 Hz - 30 kHz
Bass driver specs	**Magnet**: 58 mm **Voice coil**: 35 mm Al. coil **Cone**: Aluminium with rubber edge Steel basket in dark grey color **Sensitivity:** 84,2 dB **FS** / **Qts** / **Vas**: 58,4 Hz / 0,84 / 9,3 litres
Tweeter	28 mm soft dome tweeter with copper cup (RC28)
Crossover / filter	12 dB slope to tweeter, tweeter level select 12 dB slope to mid driver
Filter box size	145 x 95 x 45 mm



Ultimate

Scandinavia 30

- new competition tweeter

This is the new 30 mm tweeter in our Scandinavia line of drivers.
It is well suited for competition use.
The extreme audio performance makes it a winner in every Pro installation.

FEATURES AND BENEFITS:
- Extreme audio performance, transparent and clear sound
- Great imaging and staging capabilities
- High resolution and dynamics with plenty of micro details
- Extremely low distortion

Specifications Scandinavia 30

Art.no.	10-22030
EAN Bar code	7331644824107
Size	30 mm
Impedance	4 ohm
Rec. amp. power (RMS)	50 - 200 W
Freq. range	1 kHz - 30 kHz
Cone material	Textile
Outer diameter	68 mm / 2,67”
Mounting depth	18 mm / 0,75”
Sensitivity	92,2 dB
Fs	750 Hz

Ultimate

Scandinavia 75

- new competition midrange

This is the new 75 mm mid in our Scandinavia line of drivers.
It is well suited for competition use.
The extreme audio performance makes it a winner in every Pro installation.

FEATURES AND BENEFITS:
- Extreme audio performance, transparent and clear sound
- Great imaging and staging capabilities
- High resolution and dynamics with plenty of micro details
- Extremely wide frequency range

Specifications Scandinavia 75

Art.no.	10-22075
EAN Bar code	7331644824602
Size	75 mm
Impedance	4 ohm
Rec. amp. power (RMS)	50 - 200 W
Freq. range	100 Hz - 10 kHz (in axis) +- 3 dB
Cone material	Polypropylene
Outer diameter	84 x 84 mm / 3,31 x 3,31”
Mounting depth	38 mm / 1,5”
Sensitivity	86 dB
Fs	98 Hz
Rec. HP x-over	above 180 Hz
Rec. LP X-over	below 6 kHz

Coming Soon
ETA June 2015

Ultimate

Scandinavia 165

- new competition woofer

This is the new 165 mm woofer in our Scandinavia line of drivers. It is designed for use as mid bass in 2-way configurations.
It is well suited for competition use.
The extreme audio performance makes it a winner in every Pro installation.

FEATURES AND BENEFITS:
- Extreme audio performance, transparent and clear sound
- Great imaging and staging capabilities
- High resolution and dynamics
- Extremely low distortion

Specifications Scandinavia 165

Art.no.	10-22165
EAN Bar code	7331644824701
Size	165 mm
Impedance	4 ohm
Rec. amp. power (RMS)	50 - 200 W
Freq. range	50 Hz - 4,5 kHz
Cone material	Fibre glass
Outer diameter	165 mm / 6.5”
Mounting depth	65 mm / 2,56”
Sensitivity	91,9 dB
Fs / Qts / Vas	61 Hz / 0,54 / 10,2
Rec. HP x-over	above 3 - 4 kHz
Rec. LP X-over	below 50 - 60 Hz

Optimized for door panel mount but can also be used in sealed boxes 9 litre (0,31 cu ft)

Coming Soon
ETA June 2015

Ultimate

Scandinavia 165W

- new competition grade bass

This is the new 165 mm bass driver in our Scandinavia line.
It is designed for use as mid bass in 3-way configurations.
It is well suited for competition use.
The extreme audio performance makes it a winner in every Pro installation.

FEATURES AND BENEFITS:
- Extreme audio performance, transparent and clear sound
- Great attack and delay
- High resolution and dynamics
- Linear spider design
- Extremely low distortion

Specifications Scandinavia 165W

Art.no.	10-22165W
EAN Bar code	7331644824800
Size	165 mm
Impedance	4 ohm
Rec. amp. power (RMS)	50 - 200 W
Freq. range	30 Hz - 500 Hz
Cone material	Aluminium
Outer diameter	165 mm / 6.5”
Mounting depth	65 mm / 2,56”
Sensitivity	91,9 dB
Fs / Qts / Vas	52,4 Hz / 0,64 / 9,5
Rec. HP x-over	50 - 60 Hz
Rec. LP X-over	180 - 300 Hz

Recommended sealed box 7 - 9 litres

Coming Soon
ETA June 2015

Ultimate

Nordica10i

- new 10” subwoofer

Ultimate series Nordica 10i is an upgraded version of Nordica 10.
To improve the reliability and sound quality we have integrated the litz wires in the spider on this new version.
The Nordica 10i uses the DLS cast basket with an aluminum cone body and wide surround.
Thrue SQ competition subwoofer, the best we ever made.
Balanced Drive technology for lower distortion and detailed low bass reproduction.

Specifications Nordica 10i

Art.no.	10-25910i
EAN Bar code	7331644823100
Size	25 cm (10”)
Impedance	4 ohm
Rec. amp. power (RMS)	300 W, max 600 W
Freq. range	25 Hz - 2,5 kHz
Cone material	Aluminium
Outer diameter	266 mm / 10,43”
Mounting depth	140 mm / 5,52”
Sensitivity	87 dB
Bl	12
Re	3,2 ohm
Fs	33,7 Hz
Vas	22,4 liters
Qts	0,61
Rec. sealed box	19 - 20 litres

Grille is not included, can be bought separately.

Performance

MCW10 & MCW12

- new 10” and 12” subwoofers

Performance series MCW10 & MCW12 are two brand new 10 and 12” subwoofers. These are upgraded versions of the previous KW10 and KW12 subs!
Baskets are in frosted black colour with push terminals.
With parameters that makes them work fine in both sealed and vented boxes.

The bass drivers has a strong pressed paper cone and a powerful magnet system for good bass control.

MCW10

MCW12

Specifications

	MCW 10	MCW12
Size	25 cm (10”)	30 cm (12”)
Impedance	4 ohm	4 ohm
Power handling, RMS	200 Watts	250 Watts
Power handling, max / peak	400 / 600 Watts	500 / 700 Watts
Freq. range	25 Hz - 1 kHz	20 Hz - 1 kHz
Cone material	Pressed paper cone with foam surround	
Weight	2,8 kg	3,1 kg
Re	2,9 ohm	3,0 ohm
Fs	40,4 Hz	33,5 Hz
Vas	21,4 litres	57 litres
Qts	0,44	0,52
Rec. sealed box	18 - 20 litres	32 - 37 litres*
Rec. vented box	23 litres /3” port 25 cm	40 litres/ 4” port 36 cm

* For small car 32 - 34 litres, for large car 34 - 37 litres

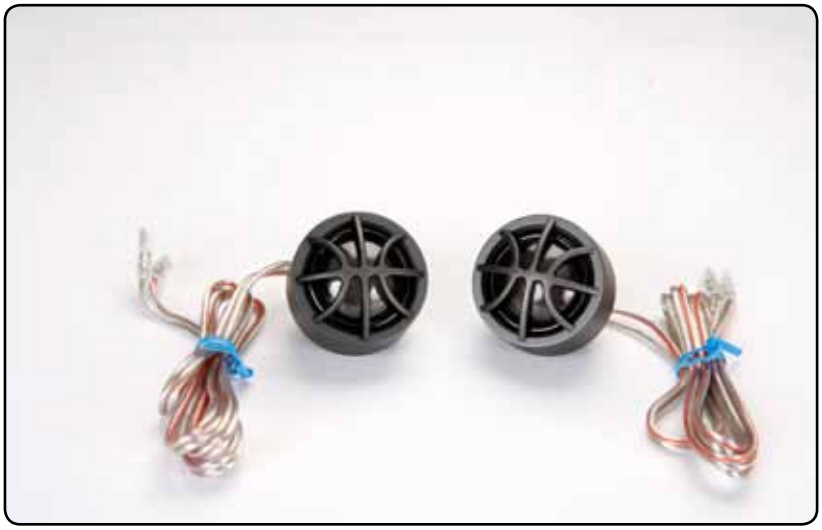
Reference

RC25

- new 25 mm tweeter

Reference series tweeter RC25 is a 25 mm silk dome tweeter with neodymium magnet and copper cups in the voice coil / magnet system.

Acessories for dashboard and recessed mounting are included.
Crossovers are included.



Specifications

	DLS RC25
Article number	10-22026
Bar code	7331644821304
Speaker type	Dome tweeter with copper cup
Size	25 mm
Impedance	4 ohm
Mounting depth	20 mm / 0,8”
Mounting hole	43 mm / 1,7 ”
RMS Power handling	50 W
Max Power handling	80 W
Frequency range	1500 Hz - 22 kHz
Rec X-over point	4 - 6 kHz
Fs	1400 Hz

Amplifiers

Reference

CC-2

2-channel stereo amplifier

CC-2 is a small and powerful amplifier with a RMS power output of 2 x 170 Watts. In 4 ohm mono bridge-connection, it puts out all of 340 Watts.

- Built-in low-pass filter for subwoofers, variable between 50 and 500 Hz.
- The high-pass filter is also variable between 50 and 500 Hz.
- Built-in protection circuits shut down the amplifier in the event of overloads.
- High level input with AUTO-start function
- Bass EQ variabel from 0 till +6dB.
- THD at 5W, 1 kHz: <0,02%
- Damping factor: >150
- Signal to noise ratio, A-weighted: 110 dB

Specifications

	CC-2
Number of channels	2
Amplifier class	AB
Power output RMS in 4 ohm	2 x 110 W
Power output RMS in 2 ohm	2 x 170 W
Power output RMS 4 ohm bridged	1 x 340 W
Signal to noise ratio, A-weighted	110 dB
Damping factor	>150
THD @ 5 W, 1 kHz	< 0,02%
Frequency response	10 Hz - 50 k
Input impedance, low level	6 kohm
Input sensitivity	1 - 4V
Input impedance, high level	45 ohm
High level input	Yes
Filter high-pass adjustable	50 - 500 Hz*
Filter low pass adjustable	50-500 Hz*
can be switched in/out	
Bass EQ @ 60 Hz	0 - +6 dB
Power consumption, idle	0,5 A
Power consumption, max	43A
Fuse	2 x 20 A
Dimensions HxWxD(mm)	51 x 129 x 260
Dimensions (inch)	2 x 5,07 x 10,2
Weight	1,87 kg

Reference

CC-4

4-channel stereo amplifier

CC-4 is a small and powerful amplifier with a RMS power output of 4 x 70 Watts.
In 4 ohm mono bridge-connection, it puts out all of 2 x 140 Watts.

- Built-in low-pass filter for subwoofers, variable between 50 and 500 Hz.
- The high-pass filter is also variable between 50 and 500 Hz.
- Built-in protection circuits shut down the amplifier in the event of overloads.
- High level input with AUTO-start function
- Bass EQ variabel from 0 till +6dB.
- THD at 5W, 1 kHz: <0,02%
- Damping factor: >250
- Signal to noise ratio, A-weighted: 110 dB

Specifications

	CC-4
Number of channels	4
Amplifier class	AB
Power output RMS in 4 ohm	4 x 50 W
Power output RMS in 2 ohm	4 x 70 W
Power output RMS 4 ohm bridged	2 x 140 W
Signal to noise ratio, A-weighted	110 dB
Damping factor	>250
THD @ 5 W, 1 kHz	< 0,02%
Frequency response	10 Hz - 505 kHz
Input impedance, low level	6 kohm
Input sensitivity	1 - 4V
Input impedance, high level	45 ohm
High level input	Yes
Filter high-pass adjustable	50 - 500 Hz*
Filter low pass adjustable	50-500 Hz*
can be switched in/out	
Bass EQ @ 60 Hz	0 - +6 dB
Power consumption, idle	0,5 A
Power consumption, max	43A
Fuse	Internal fuse 40 A
Dimensions HxWxD(mm)	51 x 129 x 250
Dimensions (inch)	2 x 5,07 x 9,85
Weight	1,8 kg

Reference

CC-44

4-channel stereo amplifier

CC-4 is a small and powerful amplifier with a RMS power output of 4 x 110 Watts.
In 4 ohm mono bridge-connection, it puts out all of 2 x 220 Watts.

- Built-in low-pass filter for subwoofers, variable between 50 and 500 Hz.
- The high-pass filter is also variable between 50 and 500 Hz.
- Built-in protection circuits shut down the amplifier in the event of overloads.
- High level input with AUTO-start function
- Bass EQ variabel from 0 till +6dB.
- THD at 5W, 1 kHz: <0,02%
- Damping factor: >300
- Signal to noise ratio, A-weighted: 110 dB

Specifications

	CC-44
Number of channels	4
Amplifier class	AB
Power output RMS in 4 ohm	4 x 85 W
Power output RMS in 2 ohm	4 x 110 W
Power output RMS 4 ohm bridged	2 x 220 W
Signal to noise ratio, A-weighted	110 dB
Damping factor	>300
THD @ 5 W, 1 kHz	< 0,02%
Frequency response	10 Hz - 60 kHz
Input impedance, low level	6 kohm
Input sensitivity	1 - 4V
Input impedance, high level	45 ohm
High level input	Yes
Filter high-pass adjustable	50 - 500 Hz*
Filter low pass adjustable	50-500 Hz*
can be switched in/out	
Bass EQ @ 60 Hz	0 - +6 dB
Power consumption, idle	0,7 A
Power consumption, max	64A
Fuse	use external fuse
Dimensions HxWxD(mm)	55 x 129 x 320
Dimensions (inch)	2,16 x 5,07 x 9,85
Weight	2,4 kg

Reference

CC-500

Mono amplifier

CC-500 is a compact and powerful mono amplifier with a power of 800 Watts RMS @ 1 ohm load.
A popular and good power amplifier with high reliability.
An amplifier for both amateurs and professionals.

- Built-in low-pass filter for subwoofers, variable between 35 and 250 Hz. Selectable 12 / 24 dB slope.
- Built-in protection circuits shut down the amplifier in the event of overloads
- BASS BOOST adjustable 0 - +6 dB.
- Damping factor >140
- S/N ratio, A weighted: 97 dB
- Remote bass level control is included
- High level input with automatic start.
-RMS output power @ 14,4 V

Specifications

	CC-500
Number of channels	1
Amplifier class	D
Power output RMS, 1 ohm	800 W
Power output RMS, 2 ohm	600 W
Power output RMS, 4 ohm	350 W
Signal to noise ratio, A-weighted	97 dB
Damping factor	140
Frequency response	10 Hz - 500 Hz
Input impedance, low level	22 kohm
Input sensitivity	1 - 4V
Input impedance, high level	45 ohm
High level input with auto start	Yes
Filter low pass variable	35 - 250Hz, 12 or 24 dB slope
Bass boost @ 60 Hz	0 - +6 dB
Subsonic filter	30 Hz ON / OFF
Phase switch	0 / 180°
Remote sub level control	Yes, with 5 meters cable
Power consumption, idle	0,6 A
Power consumption, max	80A
Fuse	Use external fuse 60 A
Dimensions HxWxD(mm / inch)	51 x 129 x 304 / 2 x 5,07 x 11,96
Power terminal size	2 AWG / 33 mm^2
Speaker terminal size	7 AWG / 10 mm^2
Weight	2,4 kg

Reference

CC-1000

Mono amplifier

CC-1000 is a compact and powerful mono amplifier with a power of 1000 Watts RMS @ 1 ohm load.
A popular and good power amplifier with high reliability.
An amplifier for both amateurs and professionals.

- Built-in low-pass filter for subwoofers, variable between 35 and 250 Hz. Selectable 12 / 24 dB slope.
- Built-in protection circuits shut down the amplifier in the event of overloads
- BASS BOOST adjustable 0 - +6 dB.
- Damping factor >154
- S/N ratio, A weighted: 92 dB
- Remote bass level control is included
- High level input with automatic start.
-RMS output power @ 14,4 V

Specifications

	CC-1000
Number of channels	1
Amplifier class	D
Power output RMS, 1 ohm	1000 W
Power output RMS, 2 ohm	700 W
Power output RMS, 4 ohm	440 W
Signal to noise ratio, A-weighted	92 dB
Damping factor	144
Frequency response	10 Hz - 500 Hz
Input impedance, low level	22 kohm
Input sensitivity	1 - 4V
Input impedance, high level	45 ohm
High level input with auto start	Yes
Filter low pass variable	35 - 250Hz, 12 or 24 dB slope
Bass boost @ 60 Hz	0 - +6 dB
Subsonic filter	30 Hz ON / OFF
Phase switch	0 / 180°
Remote sub level control	Yes, with 5 meters cable
Power consumption, idle	0,6 A
Power consumption, max	102 A
Fuse	Use external fuse 100 A
Dimensions HxWxD(mm / inch)	51 x 129 x 368 / 2 x 5,07 x 14,48"
Power terminal size	2 AWG / 33 mm^2
Speaker terminal size	7 AWG / 10 mm^2
Weight	2,9 kg

Performance

XM10

Mono amplifier

XM10 is a compact and powerful mono amplifier with peak music power of 550 Watts @ 2 ohm load.

A popular and good power amplifier with high reliability.
- Built-in low-pass filter for subwoofers, variable between 50 and 200 Hz.
  With the filter disconnected the amplifier works as a fullrange amplifier.
- Built-in protection circuits shut down the amplifier in the event of overloads
- BASS BOOST switch, +6 dB.
- Remote bass level control is included
- High level input with automatic start.
- Cooling fan in the bottom plate.
- RMS output power @ 14,4 V

Specifications

	XM10
Number of channels	1
Amplifier class	AB
Peak power	550 W
Power output, 4 ohm (0,9% THD)	256 W RMS
Power output, 2 ohm (0,9% THD)	415 W RMS
Signal to noise ratio, A-weighted	>93 dB
Damping factor	>80
Frequency response	10 Hz - 30 kHz
Input impedance, low level	22 kohm
Input impedance, high level	220 ohm
High level input	Yes
Input sensitivity	0,25 - 5V
Filter low pass variable	50-200 Hz*
* can be switched in/out	
Bass Boost @ 50 Hz	+6 dB
Power consumption, idle	0,6 A
Power consumption, max	50A
Fuse	2 x 25 A
Dimensions HxWxD(mm)	51 x 189 x 322
Weight	3 kg / 6,6 lbs

Performance

XM20

Stereo amplifier

XM20 is a small and powerful amplifier with a peak power output of 2 x 100 Watts.
In 4 ohm mono bridge-connection, it puts out all of 170 Watts.

- Built-in low-pass filter for subwoofers, variable between 50 and 500 Hz.
- The high-pass filter is also variable between 50 and 500 Hz.
- Built-in protection circuits shut down the amplifier in the event of overloads.
- High level input with AUTO-start function makes it easier to connect to factory installed head units.
- Bass EQ function in two steps, + 6dB or +12 dB.

SQ tuned in England!

Specifications

Number of channels	2
Amplifier class	AB
Power output, 4 ohm (0,05% THD)	2 x 50 W
Power output, 4 ohm (1% THD)	2 x 56 W
Power output, 2 ohm (0,2% THD)	2 x 70 W
Power output, 2 ohm (1% THD)	2 x 80 W
Peak power, 2 ohm	2 x 100 W
Power output, 4 ohm bridged (1% THD)	1 x 170 W
Signal to noise ratio, A-weighted	>90 dB
Damping factor	>80
Frequency response	20 Hz - 30 kHz
Input impedance, low level	22 kohm
Input impedance, high level	220 ohm
High level input	Yes
Input sensitivity	0,25 - 5V
Filter high-pass variable	50 - 500 Hz*
Filter low pass variable	50-500 Hz*
* can be switched in/out	
Bass EQ @ 50 Hz	+6 dB / +12 dB
Power consumption, idle	0,4 A
Power consumption, max	25A
Fuse	1 x 25 A
Dimensions HxWxD(mm)	46 x 189 x 210
Dimensions (inch)	1,81 x 7,44 x 8,26
Weight	2 kg

Performance

XM40

Four channel amplifier

XM40 is a small and powerful amplifier with power output of 4 x 100 Watts peak power, and in mono bridge-connection, it puts out all of 2 x 170 Watts.

- Built-in/switchable low pass and high pass filters.
- Bass EQ @ 50 Hz: + 6dB / + 12 dB.
- Built-in protection circuits shut down the amplifier in the event of overloads.
- Hi level input with Auto start

Use it for a front system and a subwoofer.

SQ tuned in England!

Specifications

Number of channels	4
Amplifier class	AB
Power output, 4 ohm (0,05% THD)	4 x 50 W
Power output, 4 ohm (1% THD)	4 x 56 W
Power output, 2 ohm (0,2% THD)	4 x 70 W
Power output, 2 ohm (1% THD)	4 x 80 W
Peak power, 2 ohm	4 x 100 W
Power output, 4 ohm bridged (1% THD)	2 x 170 W
Signal to noise ratio, A-weighted	>90 dB
Damping factor	>80
Frequency response	20 Hz - 30 kHz
Input impedance, low level	22 kohm
Input impedance, high level	220 ohm
High level input	Yes
Input sensitivity	0,25 - 5V
Filter high-pass variable	50 - 500 Hz*
Filter low pass variable	50-500 Hz*
* can be switched in/out	
Bass EQ @ 50 Hz	+6 dB / +12 dB
Power consumption, idle	0,5 A
Power consumption, max	50A
Fuse	2 x 25 A
Dimensions HxWxD(mm)	46 x 189 x 322
Dimensions (inch)	1,81 x 7,44 x 12,67
Weight	3 kg